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(FILE 'HOME' ENTERED AT 17:32:17 ON 21 JAN 2004)

FILE 'CAPLUS, INSPEC' ENTERED AT 17:32:28 ON 21 JAN 2004

L1        670 S ((PHOTONIC (2A)CRYSTAL?) OR INTERFEROMETRIC OR HOLOGRA? OR IN  
L2        116 S L1 AND DEVELOP?  
L3        42 S ((PHOTONIC (2A)CRYSTAL?)) AND (BISPHENOL OR EPOXIDE OR EPOXY)  
L4        3 S ((PHOTONIC (2A)CRYSTAL?)) AND (BISPHENOL)  
L5        607 S ((PHOTONIC (2A)CRYSTAL?) OR INTERFEROMETRIC OR HOLOGRA? OR IN  
L6        1872 S ((PHOTONIC (2A)CRYSTAL?) OR INTERFEROMETRIC OR HOLOGRA? OR IN  
L7        355 S L5 AND L6  
L8        161536 S (EPOXY OR EPOXIDE) (10A) (BISPHENOL OR OLIGOMER OR RESIN)  
L9        348 S L8 AND L5  
L10      27 S ((PHOTONIC (2A)CRYSTAL?)) AND L9  
L11      37 S ((PHOTONIC (2A)CRYSTAL?) OR ARRAY? OR SQUARE OR GRID) AND L9  
L12      51 S ((PHOTONIC (2A)CRYSTAL?) OR ARRAY? OR SQUARE OR GRID OR 2D OR  
L13      86 S ((PHOTONIC (2A)CRYSTAL?) OR ARRAY? OR SQUARE OR GRID OR 2D OR

=> log y

	SINCE FILE	TOTAL
	ENTRY	SESSION
COST IN U.S. DOLLARS		
FULL ESTIMATED COST	362.89	363.10
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-48.51	-48.51

STN INTERNATIONAL LOGOFF AT 17:39:07 ON 21 JAN 2004

## Freeform Search

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**Database:**

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Term:**

L16 and l14

**Display:**

10

Documents in Display Format:

Starting with Number 1

**Generate:**  Hit List  Hit Count  Side by Side  Image
  


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### Search History

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**DATE:** Wednesday, January 21, 2004 [Printable Copy](#) [Create Case](#)

**Set****Name** Query

side by

side

<b>Set</b>	<b>Hit Count</b>	<b>Name result</b>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	130	L17

L17 L16 and l14

((photo or light) near5 (sensitive or harden\$6 or curing or curable or polymeriz\$6) or photosensitive or resist\$1 or photoresist\$1 or

L16 photopolymer\$6) with ((cool or cooling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1)) near10 (expose\$2 or exposure or exposing or irradiat\$6))

1164 L16

((photo or light) near5 (sensitive or harden\$6 or curing or curable or polymeriz\$6) or photosensitive or resist\$1 or photoresist\$1 or

L15 photopolymer\$6) with ((cool or cooling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1)) near6 (expose\$2 or exposure or exposing or irradiat\$6))

895 L15

((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or

L14 photosensitive or resist\$1 or photoresist\$1 or monomer\$1 or polymeriz\$6 or photopolymeriz\$6 or oligomer\$6) with (cationic\$6 or epon or epoxide\$4 or epoxy\$4)

69833 L14

L13 L11 and l9

91 L13

L12 L11 same l6

21 L12

L11	((laser or interference or interferometric or hologra\$6) near6 (expose\$2 or exposure or exposing or irradiat\$6))	122230	L11
L10	((laser or interference or interferometric) near6 (expose\$2 or exposure or exposing or irradiat\$6))	119199	L10
L9	L8 and L6	530	L9
L8	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1 with (heat or baked or baking or bake or postbak\$4 or heated or warming or warmed or ((high or increas\$6 or high\$2) near5 temperature\$1))	79377	L8
L7	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1 with (heat or baked or baking or bake or heated or warming or warmed or ((high or increas\$6 or high\$2) near5 temperature\$1))	79117	L7
L6	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1 with ((cool or cooling or cooled or (low or reduced or reducing or lower\$4) near5 temperature\$1)) near6 (expose\$2 or exposure or exposing or irradiat\$6))	796	L6
L5	I3 with (cool or cooling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1))	90	L5
L4	I3 with (cool or colling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1))	55	L4
L3	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1 with ((while or during or concurrent\$4 or simultaneous\$6 or contemporaneous\$4 or together or ("same" near2 time)) near10 (expose\$2 or exposure or exposing or irradiat\$6))	17107	L3
L2	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1 with ((while or during or concurrent\$4 or simultaneous\$6 or contemporaneous\$4 or together or ("same" near2 time)) near10 (expose\$2 or exposure or exposing or irradiat\$6))	16934	L2
L1	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1 with (heat or heated or warming or warmed or ((high or increas\$6 or high\$2) near5 temperature\$1))	68530	L1

END OF SEARCH HISTORY

## Freeform Search

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<b>Database:</b>	<input type="checkbox"/> US Pre-Grant Publication Full-Text Database <input type="checkbox"/> US Patents Full-Text Database <input type="checkbox"/> US OCR Full-Text Database <input type="checkbox"/> EPO Abstracts Database <input type="checkbox"/> JPO Abstracts Database <input type="checkbox"/> Derwent World Patents Index <input type="checkbox"/> IBM Technical Disclosure Bulletins
<b>Term:</b>	<input type="text" value="L6 and (epon or epirez)"/> <div style="float: right; margin-top: -20px;"> <input type="button" value="▲"/>  <input type="button" value="▼"/> </div>
<b>Display:</b>	<input type="text" value="10"/> <b>Documents in Display Format:</b> <input type="radio"/> Starting with Number <input checked="checked" type="radio"/> List
<b>Generate:</b> <input type="checkbox"/> Hit List <input checked="checked" type="checkbox"/> Hit Count <input type="checkbox"/> Side by Side <input type="checkbox"/> Image	

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### Search History

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**DATE:** Wednesday, January 21, 2004 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name
		result set	
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L11	L6 and (epon or epirez)	23	L11
L10	L6 same (epon or epirez)	0	L10
L9	L6 with (epon or epirez)	0	L9
L8	L6 with (resist\$1 or photoresist\$1 or photopolymer\$6 or photoharden\$6 or photocur\$6 or photosetting)	82	L8
L7	L6 wth (resist\$1 or photoresist\$1 or photopolymer\$6 or photoharden\$6 or photocur\$6 or photosetting)	677740	L7
L6	(develop\$4 or dry\$6) with (supercritical or (super near2 critical))	2105	L6
<i>DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L5	L3 and (photoresist\$1 or photopolymer\$6 or photoharden\$6 or photocur\$6 or initiator\$1 or photoinitiat\$6)	23	L5
L4	L3 and (photosis\$1 or photopolymer\$6 or photoharden\$6 or photocur\$6)	16	L4
L3	L1 and (sulphonium or pag\$2 or photoacid or arylsulphonium or onium)	31	L3
L2	L1 same (sulphonium or pag\$2 or photoacid or arylsulphonium or onium)	1	L2

L1 epox near5 (oligomer\$4 or su or su8)

158 L1

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L21 same L20	1021

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search: L23

### Search History

DATE: Tuesday, January 20, 2004 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name
side by side			result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L23	L21 same L20	1021	L23
L22	L21 and L20	2989	L22
L21	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1) with (heat or heated or warming or warmed or ((high or increas\$6 or high\$2) near5 temperature\$1))	68530	L21
L20	((photo or light) near5 (sensitive or harden\$6 or curing or curable)) or photosensitive or resist\$1 or photoresist\$1) with ((while or during or concurrent\$4 or simultaneous\$6 or contemporaneous\$4 or together or ("same" near2 time)) near10(expose or exposure or exposing or irradiat\$6))	13451	L20
L19	L18 and L17	27	L19
L18	(refractive or refraction)	226629	L18
L17	L15 same L14	493	L17
L16	L15 and L14	718	L16

	((photo or light) near5 (sensitive or harden\$6 or curing or curable))		
L15	photosensitive or resist\$1 or photoresist\$1) with (heat or heated or warming or warmed or ((high or increas\$6 or high\$2) near5 temperature\$1))	68530	L15
L14	L13 with (cool or cooling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1))	1270	L14
	((photo or light) near5 (sensitive or harden\$6 or curing or curable))		
L13	photosensitive or resist\$1 or photoresist\$1) with (expose or exposure or exposing or irradiat\$6)	157118	L13
	((photo or light) near5 (sensitive or harden\$6 or curing or curable))		
L12	photosensitive or resist\$1 or photoresist\$1) same (expose or exposure or exposing or irradiat\$6)	199635	L12
L11	L10 with (cool or cooling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1))	1036	L11
L10	(photosensitive or resist\$1 or photoresist\$1) with (expose or exposure or exposing or irradiat\$6)	134005	L10
L9	L7 same 16	4231	L9
L8	L7 and l6	4637	L8
L7	L5 same (heat or heated or warming or warmed or ((high or increas\$6 or high\$2) near5 temperature\$1))	27027	L7
L6	L5 same (cool or cooling or cooled or ((low or reduced or reducing or lower\$4) near5 temperature\$1))	7086	L6
L5	((photo or light) near5 sensitive)photosensitive or resist\$1 or photoresist\$1) same (expose or exposure or exposing or irradiat\$6)	192262	L5
L4	(photosensitive or resist\$1 or photoresist\$1) same (expose or exposure or exposing or irradiat\$6)	169791	L4
L3	wo-200142540-\$ did. or wo-200151990-\$ did. or wo-200131404-\$ did. or us-20030175534-\$ did.	5	L3
L2	wo-01042540-\$ did. or wo-01051990-\$ did. or wo-01031404-\$ did. or us-20030175534-\$ did.	2	L2
L1	wo-0142540-\$ did. or wo-0151990-\$ did. or wo-0131404-\$ did. or us-20030175534-\$ did.	2	L1

END OF SEARCH HISTORY